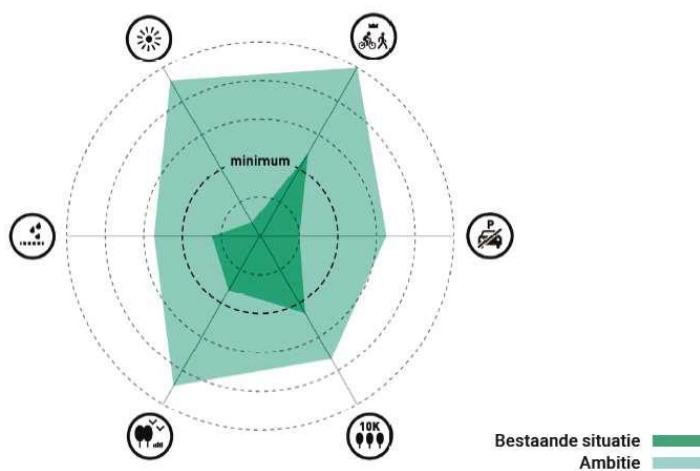


6 ambitious spatial targets:

- Planting as many trees as possible to reduce heat stress and increase biodiversity.
- Protecting existing green spaces and building new high-quality green spaces.
- Prioritising pedestrians and cyclists.
- Reducing the number of cars on the road and parking spaces.
- Lowering pavements to create space for water infiltration.
- Making public services accessible through the green climate axes.



General GCA vision is translated in a masterplan per segment, including a development vision and action plan. Some actions become projects.



Masterplan is translated in detailed ambition images at project level (e.g. street level).

Internal governance and budgeting

The project is led by a **coordinator** within the greenery service, but is a **close coöperation** between different city services (urban planning, greenery, climate and environment, city architect, mobility, education, facility management,) to establish the vision and later on to realise the GCA.

It has brings all elements from policy documents together in one vision. **Political validation of the vision is key.**

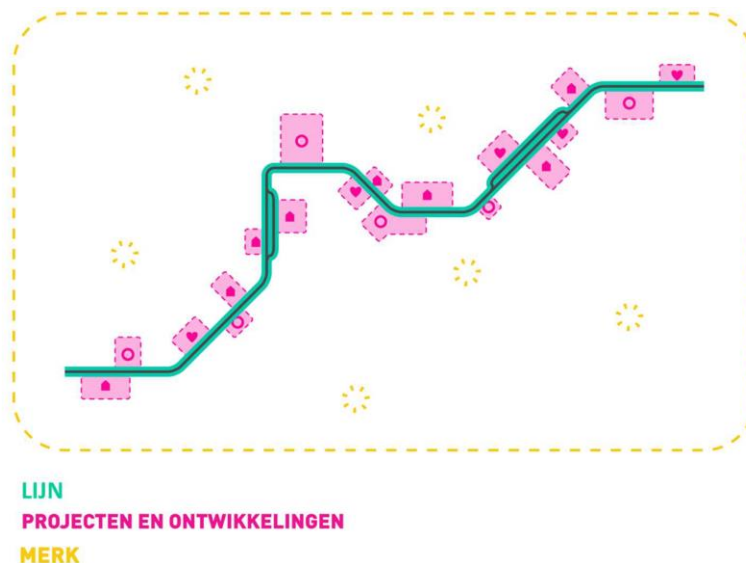
The Interreg project Begin provided **funding** for

- staff costs for a coordinator,
- study costs and
- international knowledge exchange.

The **realisation** of the green climate axes depends on public and private projects.

For the public domain, funding comes from regular budgets. The city tries to supplement that with grants from Flanders or Europe.

To strengthen the GCA on the private domain, conditions can be imposed on private developers (instruments under development).



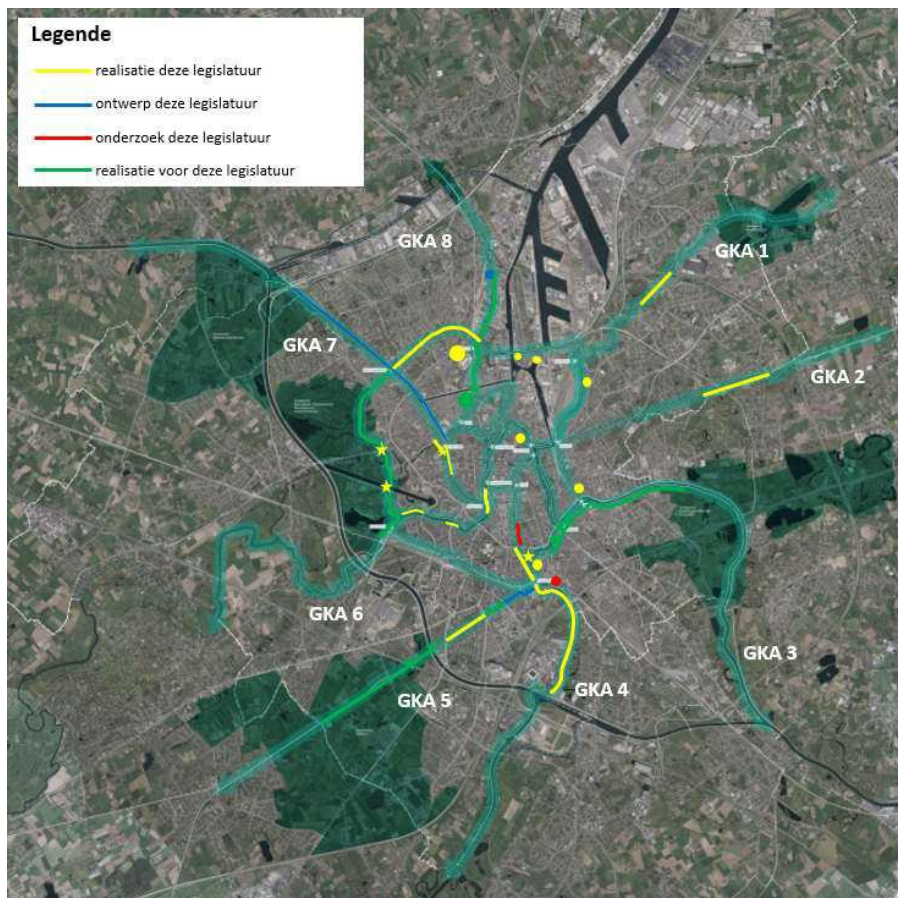
Your lessons and advice

What lessons have you learnt? What advice would you give to other cities wanting to replicate this measure?

- Split a city level-project in smaller projects but keep the bigger picture: make a general vision with a clear baseline that's validated on political level;
- Make the baseline very ambitious in function of negotiations;
- Coöperation of different city services is important to create 'ownership';

- ! The political level is convinced of general ambitions like building a climate robust city, increasing biodiversity, stimulating modal shift, ...BUT it is difficult to combine the many policy objectives in a specific project. Finding synergies between different internal stakeholders remains a challenge.
- The most important negative impact for different stakeholders (citizens, universities, private companies, ...) is to reduce car circulation and parking lots. Those discussions are not easy. Reductions in buildable area can be compensated by allowing for higher buildings.

How will you / did you measure the impacts?

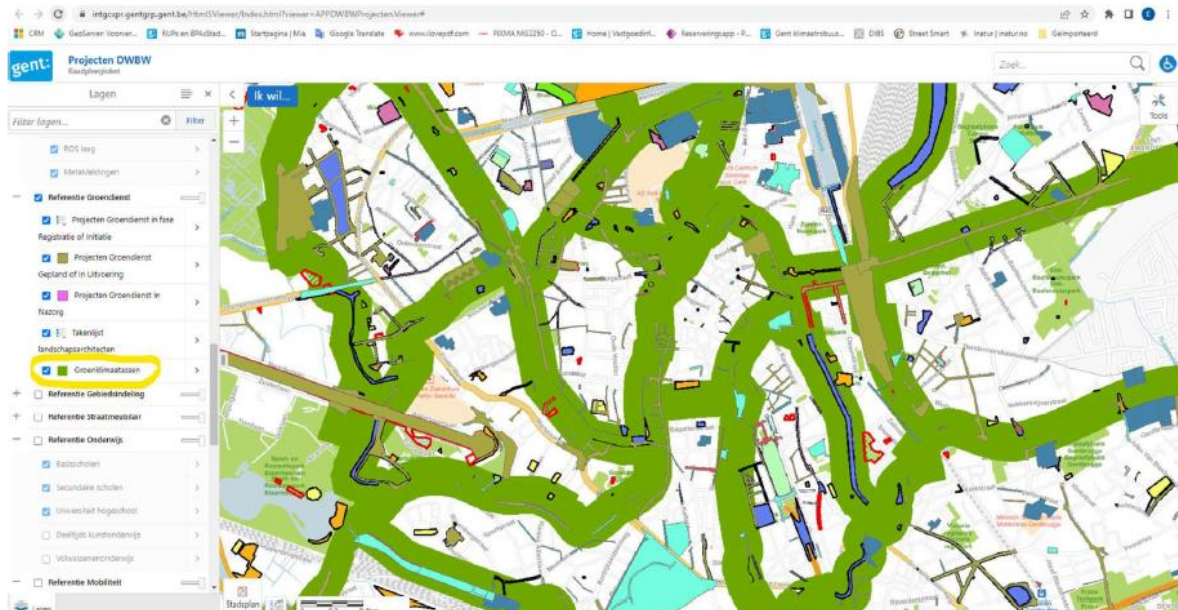


We monitor the realised GCA's, not the impact of the GCA because of the complexity of the urban fabric and its development.

The different stages of realisation (research/ design/ realisation) and relative timing are monitored.

In an (interdisciplinary) web application to visualise maps and projects, different services can check whether or not their project is located in a Green Climate Axis and need to keep the principles and targets of the GCA in mind. An interdisciplinary meeting where all redevelopment projects are discussed serves as another (control) system to adapt, among other targets, the principles of the GCA in relevant road and development projects.

<https://intgcxpr.gentgrp.gent.be/Html5Viewer/Index.html?viewer=APPDWBWProjecten.Viewer#>



Link to further information

Please provide a link to further information

<https://stad.gent/en/city-governance-organisation/city-policy/ghents-climate-actions/urban-green>

<https://architectuur.kuleuven.be/departementarchitectuur/english/news/news-items/report-on-the-summer-school-green-climate-axes-in-ghent-2013-movie>

<https://northsearegion.eu/media/18074/begin-bgi-ghent-story.pdf>

This case study will be transformed into a one-page poster design to be used in your presentation and sent to EEF members as well as external contacts as part of the follow up to the environment forum. Please provide three photos in high quality to be included in this poster. Please also send us your city logo. Note that the above contact name and email address will be shared with EEF members.